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on July 1, 2005.

Lara L. O'Brien
Lara L. O'Brien

In Re Application of:

Geese et al.

Serial No.: 10/506,740

Filed: September 3, 2004

Confirmation No.: 3579

Group Art Unit: TBD

Examiner: TBD

Docket No.: 220401-1020

For: **CG3842 HOMOLOGOUS PROTEINS INVOLVED IN THE REGULATION OF ENERGY HOMEOSTASIS**

The following is a list of documents enclosed:

Return Postcard;
Information Disclosure Statement;
PTO-1449 form (2 pages); and
Seventeen (17) cited references

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT (DO/EO/US)
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

- ☒ under 37 CFR 1.97(b), or
 (within Three months of filing national application; or date of entry of international application; or before
 mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement Under 37 C.F.R. 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
 (After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever
 occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).
 (Filed after final office action or notice of allowance, whichever occurs first, but before payment of the
 issue fee)

At any time during the pendency of this application, please charge any fees required to Deposit Account 20-0778 pursuant to 37 CFR 1.25. The Commissioner is hereby requested to credit any overpayment to Deposit Account No. 20-0778.

- ☒ Applicant(s) submit herewith *Form PTO 1449A - Information Disclosure Statement by Applicant* together with copies (where required) of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may or may not be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56. As required by 37 C.F.R. § 1.98(a), a legible copy of each document is provided.

- ☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on the form PTO 1449 and is enclosed herewith.

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport

to offer.

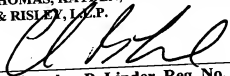
This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. Any statements or identifications regarding the relevance of any portion(s) of cited references should not be construed as a representation that the most relevant portion(s) have been identified, and the absence of such statements or identifications should not be construed as representations that there are no relevant portion(s). The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.

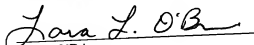
By:


Christopher B. Linder, Reg. No. 47,751

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Lara L. O'Brien

Form PTO-1449

Attorney Docket No.
220401-1020Serial No.
10/506,740**INFORMATION DISCLOSURE CITATION**Applicant
Geese et al.Filing Date
September 3, 2004Group
TBD

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	L	WO 01/90334 A2	11/29/01	PCT	C12N	9/00	
	M	WO 01/44448	06/21/01	PCT	C12N	9/02	
	N	WO 01/96371	12/20/01	PCT	C07K	14/00	
	O						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

P	Lin et al., "Prostate Short-Chain Dehydrogenase Reductase 1 (PSDR1): A New Member of the Short Chain Steroid Dehydrogenase/Reductase Family Highly Expressed in Normal and Neoplastic Prostate Epithelium," Cancer Research, Vol. 61, No. 4, pp. 1611-1618, February 15, 2001
Q	Database EMBL 'Online,' Abstract from December 1, 2001, retrieved from EBI, Accession No. Q96NR8, #XP002248942.
R	Database EMBL 'Online,' Abstract from June 1, 2001, retrieved from EBI, Accession No. Q9D1Y4, #XP002248943.
S	Database EMBL 'Online,' Abstract from October 31, 2001, retrieved from EBI, Accession No. AK054835, #XP002248944.
T	Lai et al., "Identification of Novel Human Genes Evolutionary Conserved in <i>Caenorhabditis elegans</i> by Comparative Proteomics," Genome Research, Vol. 10, No. 5, May 2000, pp. 703-713.
U	Adams et al., "The Genome Sequence of <i>Drosophila melanogaster</i> ," Science, Vol. 287, No. 5461, March 24, 2000, pp. 2185-2195.

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Form PTO-1449

Attorney Docket No.
220401-1020Serial No.
10/506,740Applicant
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JUL 06 2005

Use several sheets if necessary)

U.S. PATENT DOCUMENTS

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	A						
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	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	L	EP 1 293 569 A2	03/19/03	Europe	C12N	15/12	
	M	WO 02/070539 A2	09/12/02	PCT	C07K		
	N						
	O						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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|---|--|
| P | Database Flybase Gadfly 'Online,' January 1, 2003, retrieved from Flybase, accession no. FBgn0029866, #XP002248946. |
| Q | Database NCBI 'Online,' February 14, 2003, retrieved from NCBI, accession no. AE003437, #XP002248945. |
| R | Database Flybase 'Online,' June 30, 2003, retrieved from Flybase, accession no. FBgn0029866, #XP002248947. |
| S | Database EMBL 'Online,' January 20, 2003, retrieved from EBI, accession no. ABP69268, #XP002256876 |
| T | Haeseleer et al., "Dual-substrate Specificity Short Chain Retinol Dehydrogenases from the Vertebrate Retina," Journal of Biological Chemistry, Vol. 277, No. 47, November 22, 2002, pp. 45537-45546. |
| U | International Search Report for WO 2003/074078 A3, published September 12, 2003. |

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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